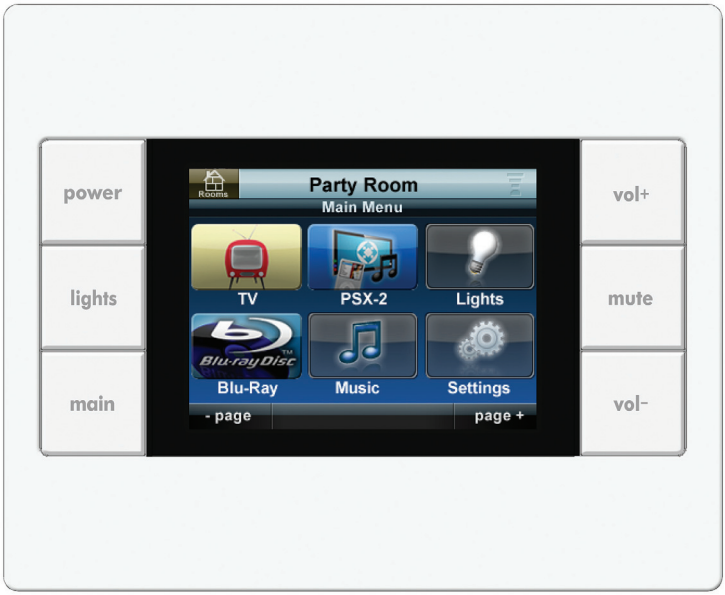
total control

Owner's Manual

TKP-2000

Network Keypad



URC™

Control the Experience.

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Congratulations!

You've purchased a unique synthesis of hardware and software engineering, the Total Control TKP-2000 Network Keypad. The TKP-2000 achieves a magnificent combination of power and flexibility by simplifying and automating the operation of even the most complex systems.

The TKP-2000 has the ability to control audio video components, energy management devices, multi-zone matrixes, PCs, iPods and whole house URC Lighting. It communicates over the Local Area Network (LAN) to the MRX Advanced System Controller.

An MRX Advanced System Controller is REQUIRED for the TKP-2000 to operate. The combination of the TKP-2000 and MRX-10 create a robust and powerful system to control the Total Control product line and your home theatre equipment.

Features and Benefits

Two-Way Control Of Devices
With the URC two-way database you can control (with feedback) all compatible brands of receivers, lighting systems, alarms and thermostats.

Two-Way Control of Media on PSX-2 and SNP-1
The high speed of the LAN enables the TKP-2000 to display lists of artists, albums or songs and to display the cover art of the selected album on the Now Playing screen of the remote control from the PSX-2 Personal Server or from the SNP-1 Streaming Network Player.

Backlit Color LCD screen
The TKP-2000 has a programmable 3.5" color LCD screen and backlit "hard" buttons. When any button is pressed the color LCD screen will turn on, and the "hard" buttons will illuminate.

User Configurable Information Feeds for News, Sports, Stocks and Weather
The well known URC modules for News, Sports, Weather and Stocks are all available, configured for the TKP-2000 screen. Of course these are all user configurable.

No batteries to replace...Ever!
The TKP-2000 is powered over the Ethernet cable it's connected to, so you never have to worry about replacing batteries.

Parts List

The TKP-2000 Network Keypad includes:

1 - TKP-2000 In-Wall Network Keypad
1 - Owner's Manual
4 - Screws for mounting to a wall box

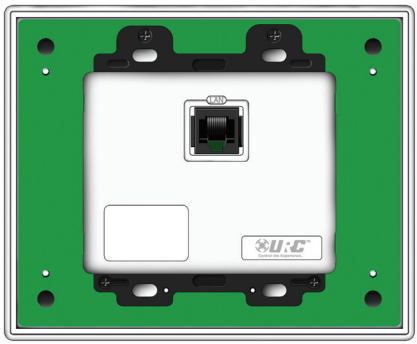
TKP-2000 Product Description

The TKP-2000 consists of a 3.5″ color touchscreen and 6 customizable buttons. Your whole house custom installer can request custom buttons specific to your Total Control setup.

Power: Turn ON the room where the TKP-2000 is located (or any other room if using the Rooms Menu)

Lights: Press to control URC Lighting throughout your home.

Main: Press to view the main screen and control the Total Control system.



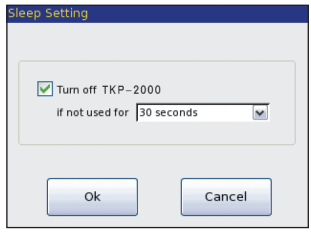
Vol+, Vol- and Mute: Easily adjust the volume settings for any zone.
LAN port: This is connected by your whole house custom installer to your home network via Ethernet cable to a PoE (Power over Ethernet) switch.

Displaying the Settings Screen

You can adjust the settings of the TKP-2000 whenever you like by pressing and holding both the MAIN and MUTE buttons for five seconds. When you do, the screen will change to the SETTINGS screen. If you do not press any button on the SETTINGS screen within 1 minute, the TKP-2000 will time out and automatically return to normal operation.

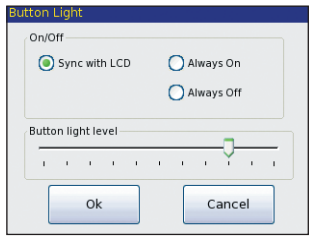
Adjusting Sleep Settings

Conserve energy by configuring the keypad to fall asleep after a specified amount of time. Select a time from the drop down list.



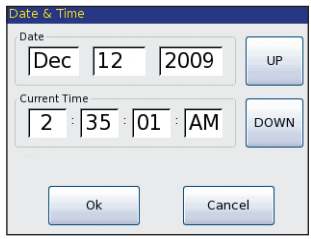
Button Light Settings

Conserve energy by opting to turn off the LED lighting behind the buttons.



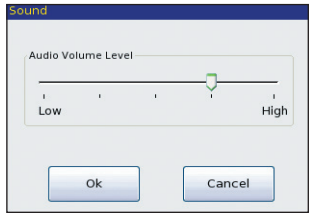
Setting Date and Time

Your TKP-2000 may have been programmed to display the date or time on the touch screen. If you need to, you can adjust the time displayed by changing the settings on this screen.



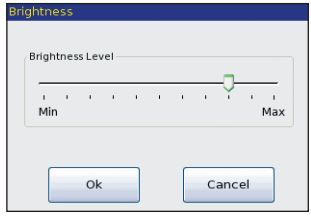
Sound

Your TKP-2000 may have been programmed to make acknowledgement tones. This is optional, and some professional installers may prefer to keep it silent. However, you can adjust the volume to any level you like by touching and dragging the volume control here.



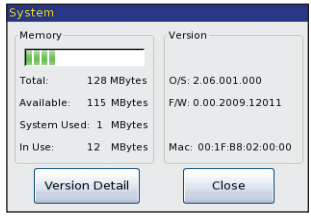
Adjusting Brightness

Simply touch and drag the brightness slider to the desired level.



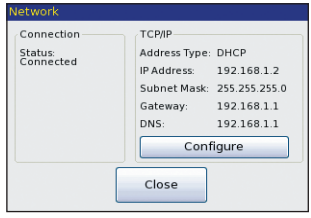
System

The System Information screen displays data about your TKP-2000's operating system, memory etc.



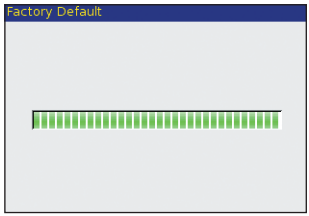
Network

The Network screen displays network information about your TKP-2000 and the network it is connected to.



Factory Default

WARNING!
Only use this button when instructed to by Technical Support.
It resets the memory of the TKP-2000 to the factory condition. All your programming will be lost!



Exit

When you have finished adjusting Settings, simply tap the EXIT button to return to normal operation.

Frequently Asked Questions

How do I update the firmware?
Periodically there will be firmware updates for the TKP-2000. As the TKP-2000 is connected to your home network, your installer has the ability to update the firmware via Off-Site programming.

How do I reset a TKP-2000?
Remove the front cover of the TKP-2000. Use a pen or pointed object device to depress the button and reset the unit.

How do I erase a TKP-2000?
Press and hold Main + Mute for 3 seconds then select the Factory Default button.

Specifications

Microprocessor: 190MHz RISC
Memory: 128MB Flash
Devices: Supports up to 255 Devices
Pages: Supports up to 255 Pages on each Device
Macro Capability: Up to 255 steps
Network: One 10/100 Ethernet port (PoE)
LCD : 3.5 inch (320x240)
Weight: 9.84 oz
Size: 5.75″ x 4.7″ x 1.8″
Power : Standard PoE Injector or PoE Switch (Purchased separately)

Limited Warranty Statement

1. Limited Warranty and Disclaimers
Universal Remote Control, Inc. ("URC") warrants that the URC equipment shall be free from defects in material and workmanship under normal usage for one (1) year from purchase when such is purchased from URC. **This limited warranty is valid only in the United States of America.** URC warrants that the software will substantially conform in any material respect to its functional specifications at the time of delivery. URC SHALL NOT BE LIABLE FOR OPERATIONAL, TECHNICAL OR EDITORIAL ERRORS AND/OR OMISSIONS MADE IN THE URC DOCUMENTATION. URC DOES NOT WARRANT THAT THE URC SOFTWARE IS BUG-FREE OR ERROR FREE OR THAT THERE ARE NO ERRORS/BUGS IN THE URC SOFTWARE.

URC warrants that at the time of purchase the URC equipment and the URC software complied with all applicable regulations and policies of the Federal Communications Commissions ("FCC") regarding electromagnetic interference caused by electronic/computing devices and to the extent that the URC equipment and/or the URC software fails to so comply, URC shall, at its own expense, take all reasonable measures to promptly cause such to comply.

URC equipment purchases from other than an authorized URC dealer or distributor are without warranty.

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The warranty limitations and warranty disclaimers may not apply to end user in whole or in part, where such are restricted or excluded by applicable law and such shall apply to the maximum extent permitted by applicable law.

In the event of any warranty claim, URC will, at its sole option, repair the URC equipment using new or comparable rebuilt parts, or exchange the URC equipment for new or rebuilt equipment. **In the event of a defect, these are the end user's exclusive remedies.**

All the URC equipment returned for service, exchange or repair require an RGA number. To obtain an RGA number, you must complete a Return Request Form which you may obtain by calling (914) 835-4484 or contacting URC at returnrequest@universalremote.com. To obtain warranty service, end user must deliver the URC equipment, freight prepaid, in its original packaging or packaging affording adequate protection to URC at 420 Columbus Avenue, Valhalla, NY 10595. It is end user's responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into the unit. It is likely that such data, software, or other materials will be lost during service and URC will not be responsible for any such damage or loss. A dated purchase receipt, bill of sale, installation contract or other verifiable proof of purchase is required. For the URC equipment support and other important information, please visit URC's website available at www.universalremote.com or call the Customer Service Center at (914) 835-4484.

This limited warranty only covers the URC equipment issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the URC equipment. This limited warranty does not cover the URC equipment sold as used, as is, refurbished, so called "B stock" or consumables (such as batteries). This limited warranty is invalid if the factory applied serial number has been altered or removed from the URC equipment. **This limited warranty specifically excludes the URC equipment sold by unauthorized resellers.**

With the exception of URC's IR-only, broad-based consumer remotes, none of URC's PC programmable remotes or any of our Total Control® whole-house equipment are authorized for online internet sales. Buying URC's PC programmable remotes or any of our Total Control® whole-house equipment online means buying equipment that does not have a URC's limited warranty. Such equipment is not eligible for URC tech support or software support, either.

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IN NO EVENT SHALL URC BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND OR LOSS OF PROFITS OR BUSINESS OPPORTUNITY, EVEN IF URC IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN NO EVENT SHALL URC BE LIABLE FOR LOSS OF OR DAMAGE TO DATA, COMPUTER SYSTEMS OR COMPUTER PROGRAMS.
URC'S LIABILITY, IF ANY, FOR DIRECT DAMAGES OF ANY FORM SHALL BE LIMITED TO ACTUAL DAMAGES, NOT IN EXCESS OF AMOUNTS PAID BY END USER FOR THE URC EQUIPMENT.

IN NO EVENT SHALL URC BE LIABLE FOR ANY EVENTS BEYOND ITS CONTROL, INCLUDING ANY INSTANCE OF FORCE MAJEURE.
IN NO EVENT SHALL URC BE LIABLE FOR THE ACTS OR OMISSIONS OF END USER OR ANY THIRD PARTY.

THE LIMITATIONS OF LIABILITY MAY NOT APPLY TO END USER IN WHOLE OR IN PART, WHERE SUCH ARE RESTRICTED LIMITED OR EXCLUDED BY APPLICABLE LAW AND SUCH SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW.

URC SHALL NOT BE HELD RESPONSIBLE FOR THE STATEMENTS MADE BY OTHERS.

SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO END USER. THIS LIMITED WARRANTY GIVES END USER SPECIFIC LEGAL RIGHTS AND END USER MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION.

End User Agreement

The terms and conditions of the End User Agreement available at www.universalremote.com/eua.php shall apply.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.
Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Regulatory Information to the user

■ CE conformity Notice

Products with "CE" marking comply EMC Directive 2004/108/EC issued by the commission of the European Community.

1) EMC Directive

- ●Emission : EN 55022
- ●Immunity : EN 55024
- ●Power : EN-61000-3-2, 3

■ Declaration of Conformity

"Hereby, Universal Remote Control Inc. declares that this TKP-2000 is in compliance with the Essential requirements and other relevant provisions of EMC Directive 2004/108/EC."

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Control the Experience.

Certification	CE
Type No.(Model No.)	TKP-2000
Batch/Serial No.	-
Power Rating	48.0V ⎓, 0.32A

Declaration of Conformity

Company Name	:	Universal Remote Control Inc.
Company Address	:	500 Mamaroneck Avenue, Harrison, NY 10528, U.S.A
Contact Information	:	www.universalremote.com Phone: (914)835-4484 Fax: (914)835-4532
Brand Name	:	UNIVERSAL remote control
Product Name	:	Network Keypad
Model Name	:	TKP-2000

This product herewith complies with the requirements of EMC Directive (2004/108/EC) issued by the Commission of the European Community

Compliance with these directives implies conformity to the following European Community

- EMC Directive
  - EN 55022
  - EN 55024
  - EN 61000-3-2
  - EN 61000-3-3

List of test reports and/or certificate verified compliance with the standards above

- EMC Directive
  - Report No.
  - Testi ng Labora tory : Gumi College EMC Center

Date of issue : April 30, 2011

Name and signature of authorized person : James Novak

Senior Product Manager
Universal Remote Control Inc.

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